

# The Rural District Council of Llantrisant & Llantwit Fardre.

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## ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year ending

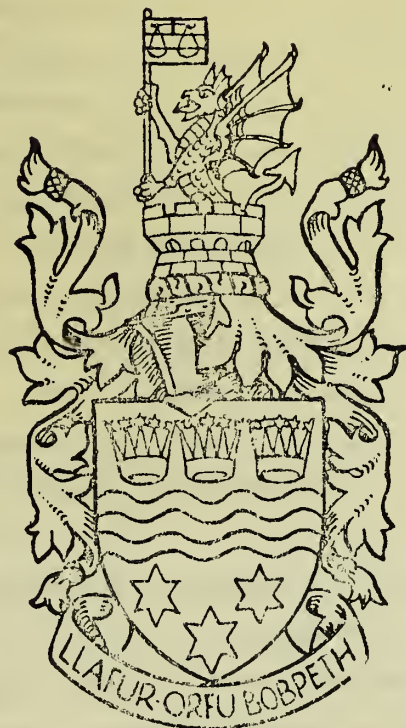
31st DECEMBER 1971

Council Offices,  
"Danygraig",  
Llantrisant,  
Glam. CF7 8YD.



The Rural District Council of Llantrisant & Llantwit Fardre.

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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTHYEAR ENDING 31ST, DECEMBER 1971.

Chairman of the Council: Councillor S.G. Flower  
 Vice Chairman: Councillor D.J. Harrison.

MEMBERS OF THE COUNCIL

Town Ward: Councillors K.W. Roderick, D.J. Harrison,  
 T. John, W.R. Jacob, R.J. Selwood and  
 K. Eason.

Tonyrefail Ward: Councillors J.A. Copeland, R. Cox,  
 T.W. Roderick, J.P., S. Flower,  
 K. Pontin and L.L. Carter, J.P.

Gilfach Goch Ward: Councillors D.W. Harrison, Mrs. A.G.  
 Herbert and Dr. W. Moody-Jones.

Llantwit Fardre  
 Parish Councillors H.S. Davies, R.W. Thomas  
 and I. Hughes.

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S T A F F

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Medical Officer of Health:

EILEEN G. WATKINS; M.B., B.Ch., B.A.O., D.P.H., L.M. (ROT).

Public Health Inspectors:J. GRAHAM C. SHORT: C.S.I.B., M.A.P.H.I.  
 (Senior)F. J. A. WILLIS: M.A.P.H.I.,C. R. PARFITT: E.D., F.R.S.H., F.A.P.H.I.F.R.O.A. F.R.V.A.RONALD KEAR: M.A.P. H.I.RICHARD WESTLAKE: Pupil Public Health Inspector.ADMINISTRATIVE  
 OFFICER Mrs. Barbara Meredith.CLERICAL OFFICER: Mrs. Natalie Holtam.RODENT OPERATOR: Mr. Donald Richards.





## P R E F A C E

Mr. Chairman, Madam and Gentlemen,

I have the honour to present the Annual Report on the public health of the district for the year 1971.

The general improvement of the older type housing in the area has commenced and the first designated General Improvement Area of 88 dwellings at Coedely is under way. The Council has agreed that areas at Llantrisant and Gilfach Goch should follow.

Building of the Aged Persons Complexes at Talbot Green and Beddau is well under way and the flats will be readily filled from the housing waiting list when they are completed.

The people of the district and especially the residents of Gilfach Goch were delighted that the County Council commenced a Reclamation Scheme in the Gilfach Goch area.

I should like to take the opportunity to express to the Authorities concerned the gratitude of the Council for selecting Gilfach Goch.

The people of the district still await the badly needed new comprehensive Sewage Works at Miskin. The present works are overloaded and any efforts at present to alleviate the smells there can only be of a temporary nature.

The location of the proposed new town at Llantrisant is still awaited and the siting of the new sewage works depends on the location of the new town so the people of the Llantrisant Rural District must sadly suffer on.

The Council implemented its decision to set up an Old Peoples' Welfare Committee during the year. This Committee acts in conjunction with the Aged Persons Organisations in the area. The members of the organisations interested in the care and welfare of aged persons were invited to nominate members for co-option to the Committee. The results of work already done among the aged are most pleasing and the survey of the unmet needs of the old folk is being prepared.

The Meals on Wheels scheme continues to operate with the help of the W.R.V.S. Members who work tremendously hard delivering meals to the old people of the area.

I should like to thank the Chairman of the Public Health and Housing Committee and Members of the Council for their encouragement and support, the Council's Officials for their friendly co-operation and the staff of the Health Department for their help and loyalty during the year.

I am,

Mr. Chairman, Madam and Gentlemen,

Your obedient servant,

Public Health Department,  
"Danygraig",  
LLANTRISANT,  
Glam.

E. G. WATKINS,  
Medical Officer of Health.



GENERAL STATISTICS

Area of District	18,433 acres.
Population: Est. Mid year 1971	36,780
Census 1961	27,109
Number of Private dwellings:	
Est. 1971.	11,373
Census 1961	7,631
Number of Private Households:	
Est. 1967 (1965 10% Census)	9.016
Census 1961	7,811
Rateable Value of District:	
March 1971	£1,268,655
Sum Produced by Penny Rate:	
March 1971	£5,055

VITAL STATISTICS:LIVE BIRTHS:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	394	386	780
Illegitimate	19	15	34
	<u>413</u>	<u>401</u>	<u>814</u>
<u>Live Birth Rate per 1,000 population:</u>	Crude	Adjusted	England and Wales
Comparability Factor 1.03	22.1	22.8	16.0

Illegitimate Live Births:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
	19	15	34
Percentage of total live births:	4.0		

STILLBIRTHS:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	7	9
Illegitimate	-	-	-
	<u>2</u>	<u>7</u>	<u>9</u>

Stillbirth rate per 1,000 total live and stillbirths:	11
England and Wales:	12

TOTAL LIVE AND STILLBIRTHS: 823

INFANT DEATHS:

Deaths under 1 year:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	4	6	10
Illegitimate	-	-	-
	<u>4</u>	<u>6</u>	<u>10</u>

Infant Mortality:

Rate per 1,000 total live births:	12
Total Infant Deaths per 1,000 total live births, England and Wales:	18

Neo-Natal Mortality Rate:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	4	6
Illegitimate	-	-	-
	<u>2</u>	<u>4</u>	<u>6</u>

Deaths under 4 weeks per 1,000 total live births:	7
England and Wales:	12

Early Neo-Natal Mortality Rate:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	4	6
Illegitimate	-	-	-
	<u>2</u>	<u>4</u>	<u>6</u>

Deaths under 1 week per 1,000 total live births:	7
England and Wales:	10

Perinatal Mortality Rate:

Stillbirths and deaths under 1 week combined	
Rate per 1,000 total live and stillbirths:	18
England and Wales:	22



MATERNAL MORTALITY (including Abortion)

There were no deaths under the heading pregnancy, childbirth or abortion.

2. HOME BIRTHS, PREMATURE INFANTS, ETC:

The following information has kindly been furnished by the Divisional Medical Officer of Health:-

There were 68 premature births notified during the year (i.e. birth weight of  $5\frac{1}{2}$  lbs or under) of which there were 9 stillbirths. This compares with 59 births and 15 stillbirths for 1970.

No. of live births born at home:	97
No. of live births born in hospital:	717
Total No. of live births:	814
No. of Still births at home:	Nil
No. of Still births in hospital:	9
Total No. of live and stillbirths:	823

3. DEATHS:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total deaths:	170	153	323

The crude death rate is 8.8 (comparability factor 1.34)

Tuberculosis Death Rate:

There was one death from this disease and three deaths recorded in 1970.

Other Respiratory Diseases Death Rate:

The number of deaths from Bronchitis, Pneumonia and other Respiratory diseases was 34 for 1971 against 38 for the previous year making a rate in relation to total deaths of 105.26 per 1,000 deaths against 124.18 for the previous year.

Cancer.

Deaths from Cancer were 61 as compared with 56 for the previous year. The organs affected according to classification by the Registrar General were:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Buccal Cavity	-	1	1
Stomach	2	4	6
Lungs, Bronchus	11	3	14
Breast	-	7	7
Uterus	-	3	3
All other sites	12	8	20
Oesophagus	1	1	2
Intestine	3	3	6
Prostate	2	-	2
	<u>31</u>	<u>30</u>	<u>61</u>

Rate in relation to total deaths is 188.85 per 1,000 deaths in 1971 against 183.01 for the previous year.

Leukaemia, Aleukaemia:

There were four deaths under this classification for 1971, and one death recorded in 1970.

Infant Mortality Classification:

	Total under 1 week	Weeks 1-2-3-4	Total 1 - 4 weeks	Months 1-3-6- 9 - 12	Total 1 - 12 months	Total all deaths under 1 yr.
Birth Injury etc.	-	4	4	-	-	4
Pneumonia	-	-	-	1	1	1
Whooping Cough	-	-	-	1	1	1
Other diseases of Respiratory System	-	-	-	1	1	1
Congenital Abnormalities	-	-	-	1	1	1
Other Causes	-	2	2	-	-	2



## GLAMORGAN ADMINISTRATIVE COUNTY

## VITAL STATISTICS 1971.

		Population		Live Births			Ratio of local adjusted rate to national rate	Deaths			Ratio of local adjusted death rate to national rate.
		Census 1961	Estimated 1971	No. of Live Births	Rate per 1,000 population			No. of Deaths	Rate per 1,000 population		
					Crude	Adjusted			Crude	Adjusted	
England and Wales		-	4881- 5000	783165	16.0	16.0	1.00	567345	11.6	11.6	1.00
Administrative County		746785	749760	12376	16.5	17.0	1.06	9257	12.3	13.9	1.20
Urban Districts		524719	513980	8317	16.2	16.7	1.04	6647	12.9	14.6	1.26
Rural Districts		222066	235780	4059	17.2	17.5	1.10	2610	11.1	12.4	1.07
Health Division		Constituent Dist.									
Aberdare and Mountain Ash	Aberdare Urban	39155	37780	625	16.5	18.0	1.12	541	14.3	14.4	1.25
	Mt. Ash Urban	29575	27800	459	16.5	16.5	1.03	367	13.2	15.7	1.35
Caerphilly and Gelligaer	Caerphilly Urban	35997	40750	818	20.1	19.7	1.23	424	10.4	13.0	1.12
	Gelligaer Urban	34656	33710	601	17.8	17.8	1.11	424	12.6	15.9	1.37
Mid-Glamorgan	Bridgend Urban	15174	14640	222	15.2	15.7	.98	162	11.1	12.1	1.04
	Maesteg Urban	21625	20920	418	20.0	20.8	1.30	296	14.1	17.5	1.51
	Ogmore & Garw Urban	20985	19520	337	17.3	17.8	1.11	232	11.9	14.4	1.24
	Porthcawl Urban	11086	13930	226	16.2	19.1	1.19	219	15.7	12.6	1.08
	Penybont Rural	42104	54030	1051	19.5	18.7	1.17	650	12.0	10.9	.94
Neath & District	Neath M.B.	30935	28210	365	12.9	13.4	.84	388	13.8	14.9	1.28
	Neath Rural	40870	40830	598	14.6	15.2	.95	547	13.4	15.7	1.35
Pontypridd and Llantrisant	Llantrisant Rural	27109	36780	814	22.1	22.8	1.42	323	8.8	11.8	1.02
	Pontypridd Urban	35494	34530	516	14.9	15.2	.95	461	13.4	13.8	1.19
Port Talbot and Glyncorrwg	Glyncorrwg Urban	9368	8610	154	17.9	17.4	1.09	83	9.6	14.1	1.22
	Port Talbot M.B.	51322	50310	674	13.4	13.3	.83	622	12.4	16.6	1.43
South East Glamorgan	Barry M.B.	42084	41910	701	16.7	17.2	1.08	494	11.8	12.7	1.10
	Cardiff Rural	49884	33060	578	17.5	16.1	1.01	322	9.7	10.3	.89
	Cowbridge M.B.	1067	1290	37	28.7	28.4	1.78	24	18.6	21.4	1.84
	Cowbridge Rural	18756	25200	387	15.4	17.6	1.10	186	7.4	12.9	1.11
	Penarth Urban	20896	24160	362	15.0	16.2	1.01	302	12.5	11.8	1.01
West Glamorgan	Gower Rural	12656	16370	248	15.1	15.9	.99	177	10.8	11.8	1.01
	Llwchwr Urban	25013	26920	407	15.1	16.2	1.01	344	12.8	14.0	1.20
	Pontardawe Rural	30687	29510	383	13.0	14.7	.92	405	13.7	14.0	1.20
Rhondda M.B.		100287	88990	1395	15.7	16.2	1.01	1264	14.2	15.8	1.36



GLAMORGAN ADMINISTRATIVE COUNTY

VITAL STATISTICS 1971

		Infant Mortality		Perinatal Mortality		Stillbirths	
		Deaths under one year	Rate per 1,000 live births	Still births and deaths under one week	Rate per 1,000 live and still births	No. of Still births	Rate per 1,000 total births
England and Wales		13726	18	17648	22	9898	12
Administrative County		231	19	309	25	189	15
Urban Districts		173	21	224	27	132	16
Rural Districts		58	14	85	21	57	14
Health Division	Constituent Districts						
Aberdare and	Aberdare Urban	13	21	15	24	7	11
Mountain Ash	Mountain Ash Urban	18	39	14	30	6	13
Caerphilly and	Caerphilly Urban	13	16	16	19	8	10
Gelligaer	Gelligaer Urban	7	12	13	21	12	20
Mid-Glamorgan	Bridgend Urban	6	27	5	22	2	9
	Maesteg Urban	7	17	11	26	5	12
	Ogmore & Garw Urban	9	27	8	23	6	17
	Porthcawl Urban	4	18	7	30	4	17
	Penybont Rural	24	23	23	22	12	11
Neath & District	Neath M.B.	8	22	20	53	14	37
	Neath Rural	7	12	15	25	12	20
Pontypridd and	Llantrisant Rural	10	12	15	18	9	11
Llantrisant	Pontypridd Urban	11	21	20	38	14	26
Port Talbot and	Glyncorrwg Urban	2	13	1	6	1	6
Glyncorrwg	Port Talbot M.B.	14	21	22	32	14	20
South East	Barry M.B.	17	24	17	24	8	11
	Cardiff Rural	10	17	11	19	7	12
	Cowbridge M.B.	-	-	1	26	1	26
	Cowbridge Rural	3	8	9	23	7	18
	Penarth Urban	8	22	10	27	6	16
West Glamorgan	Gower Rural	4	16	4	16	2	8
	Llwchwr Urban	5	12	7	17	3	7
	Pontardawe Rural	-	-	8	20	8	20
Rhondda M.B.		31	22	37	26	21	15

Gen/NH/SMS

8th May, 1972.

Causes of Death According to Registrar General's Report

	<u>Male</u>	<u>Female</u>
<u>All Causes:</u>	170	153
Tuberculosis of Respiratory System.....	1	-
Whooping Cough.....	1	-
Other infective and Parasitic Diseases.....	1	-
Buccal Cavity.....	-	1
Malignant neoplasm, Oesophagus.....	1	1
Malignant neoplasm, Stomach.....	2	4
Malignant neoplasm, Intestine.....	3	3
Malignant neoplasm, Lung, Bronchus.....	11	3
Malignant neoplasm, Breast.....	-	7
Malignant neoplasm, Uterus.....	-	3
Malignant neoplasm, Prostate.....	2	-
Leukaemia.....	3	1
Other malignant neoplasms.....	12	8
Diabetes mellitus.....	1	2
Other endocrine etc., diseases.....	-	1
Anaemias.....	1	1
Multiple Sclerosis.....	-	1
Chronic heart disease.....	2	2
Hypertensive heart disease.....	5	1
Ischaemic heart disease.....	56	35
Other forms of heart disease.....	4	4
Cerebrovascular disease.....	20	31
Other diseases of circulatory system.....	6	10
Pneumonia.....	8	6
Bronchitis and Emphysema.....	12	6
Other diseases of respiratory system.....	1	1
Intestinal obstruction and hernia.....	-	1
Cirrhosis of Liver.....	-	1
Other diseases of digestive system.....	1	3
Nephritis and Nephrosis.....	1	-
Hyperplasia of Prostate.....	2	-
Diseases of skin subcutaneous tissue.....	1	-
Diseases of Musculo-Skeletal system.....	1	4
Congenital anomalies.....	-	2
Birth Injury, difficult labour, etc.....	2	2
Other causes of perinatal mortality.....	-	2
Symptoms and ill defined conditions.....	-	1
Motor vehicle accidents.....	2	-
All other accidents.....	6	4
Suicide and self inflicted injuries.....	1	1



4. INFECTIOUS DISEASES.New Notifications of Tuberculosis in Each Ward.

	<u>Pulmonary</u>		<u>Non-Pulmonary</u>		<u>Total</u>	
	M.	F.	M.	F.	M.	F.
Tonyrefail Ward	3	-	-	-	3	-
Gilfach Goch Ward	1	-	-	-	1	-
Town Ward	4	3	-	-	4	3
Llantwit Fardre Parish	1	-	-	-	1	-
	9	3	-	-	9	3

New Cases of Tuberculosis in Age Groups.

<u>Age</u>	<u>Respiratory</u>		<u>Non-Respiratory</u>	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
Under 1 year	-	-	-	-
1 - 4 years	-	-	-	-
5 - 14 years	1	1	-	-
15 - 24 years	2	-	-	-
25 - 44 years	3	1	-	-
45 - 64 years	1	-	-	-
65 years and over	2	1	-	-
	9	3	-	-

The number on the register at the end of the year was:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Pulmonary	104	86	190
Non-Pulmonary	27	15	42
	131	101	232

There was one death from Tuberculosis in 1971 and twelve admissions to hospital for treatment during the year.

The number of new cases of Tuberculosis notified during the year was twelve against four for 1970.

Infectious Diseases (other than Tuberculosis) in age groups:

	Whooping Cough	Measles	Dysentery
Under 1 year	2	10	-
1 year	-	6	-
2 years	-	12	-
3 years	2	10	-
4 years	-	10	2
5 - 9 years	-	14	1
10 - 14 years	-	1	1
15 - 24 years	-	-	1
25 years and over	-	-	1
Age unknown	-	1	2
	4	64	8

Food Poisoning

Under 5 years	1
5 - 14 years	1
15 - 44 years	2
45 - 64 years	-
65 years and over	-
Age Unknown	-
	4

Prevalance and control of Infectious and other Diseases.

The duties are carried out under this Authority, but the County Medical Officer of Health, through his Divisional Medical Officer for the area must be informed within 48 hours of all notifiable diseases occurring in this district for which a fee is paid by the County Council.

The number of cases notified during the year was 92 compared with 537 for 1970.

Number of cases of Infectious Diseases admitted to hospital, with numbers of corrected notifications:

	<u>No.of Corrected Notifications</u>	<u>No.Admitted to hospital</u>	<u>Total Deaths</u>
Whooping Cough	4	-	1
Measles	64	1	-
Food Poisoning	4	-	-
Dysentery	8	-	-
Tuberculosis (Respiratory)	12	12	1
	<hr/> 92	<hr/> 13	<hr/> 2

5. HOSPITALS:

The hospitals which serve the area are:-

- (a) General:
- (i) East Glamorgan Hospital, Church Village.
  - (ii) Llwynypia Hospital.
  - (iii) Cardiff Royal Infirmary.
  - (iv) St. David's Hospital, Cardiff.
  - (v) Bridgend General Hospital.
  - (vi) Llandough Hospital.
  - (vii) Whitchurch Hospital. (Also partly special)
  - (viii) Dewi Sant Hospital, Pontypridd.
  - (ix) Subsidiary Hospitals such as Pontypridd Cottage, Rookwood, Treherbert and Pentwyn.
  - (x) Rhiwfelin Hospital which is now used as an Annexe for the Dewi Sant Hospital, Pontypridd, for the aged, chronic sick and epileptic patients.
  - (xi) Tonteg and Glanely Hospitals - Pre-convalescent and geriatric patients.



(b) Infectious Diseases: Generally patients are sent to Tyntyla Hospital, Ystrad or to Lansdowne Hospital, Cardiff.

(c) Mental: Usually Morgannwg, Penyfai, Glanrhyd and Parc, Whitchurch and Hensol.

(d) Tuberculosis: Any tuberculosis hospital in Wales, usually Tyntyla or Sully.

(e) Orthopaedic: Rhydlafer.

(f) Maternity: Llwynypia and East Glamorgan Units.

(g) Geriatric: Glyncornel and Dewi Sant.

(h) Psycho/Geriatric: Tyntyla Hospital, Ystrad.

(i) Psychiatric Unit: East Glamorgan General Hospital, Church Village.

(j) Burns and Plastic Surgery Unit: St. Lawrence's Hospital, Chepstow.

## 6. AMBULANCE FACILITIES:

The Ambulance Service is administered by the Glamorgan County Council.

In this area the control station is at Hawthorn (Telephone No. Pontypridd 3973).

The Ambulance Station at Gilfach Goch is fully manned and is providing active cover for 24 hours per day.

Llantrisant is still provided with a sub-station whereby a driver is on duty from 8.a.m. to midnight.

All emergency vehicles are double manned and are equipped with resuscitative equipment. Vehicles have also emergency packs for cutting free persons from vehicles i.e. doors jamming etc. Fire service vehicles called for more serious emergencies.

Week-end vehicles are all emergency vehicles and are double manned.

All ambulances in the County of Glamorgan are in radio contact with the Control Station.

## 7. MENTALLY SUB-NORMAL PERSONS:

There are 44 sub-normal and 36 severely sub-normal persons in this district, compared with 34 sub-normal and 35 severely sub-normal persons in 1970.

## 8. REGISTERED BLIND PERSONS:

In 1970 there were 76 registered blind persons in this area and 32 partially sighted; in 1971 the numbers registered are now 61 blind persons and 20 partially sighted persons in the area.

9. HOUSING ACTS:

Number of Demolition Orders	9
Number of Closing Orders	
Persuant to Section 17 of the	
Housing Act.	9

Prosecutions in Default of	
Compliance with Notice (Sect.93	
Public Health Act, 1936).	Nil

Closing Orders and Demolition	
Orders revoked.	Nil

10. CONSTRUCTIONAL UNDERTAKINGS:

I wish to thank the Council's Surveyor for the following information:-

Council Houses completed in 1971	15
Total number of permanent post-war houses	3,408
Total number of temporary post-war houses	100
Total post-war houses	3,508
Total number of pre-war houses	854
Total number of Council houses	4,362
Council houses under construction in 1971	162
No. Private enterprise houses under construction	222
No. of Prefabs demolished	13

Dustbins have been issued to all properties within the Council's area, and are issued to new properties on completion. 708 requests to empty cesspits were attended to.

102 applications were received for Improvement Grants, of which 82 were approved.

The Council's permanent caravan park at Penycoedcae Road, Beddau, continues to provide a need in the area, all 53 standings continue to be occupied.

11. RODENT CONTROL:

The Council employs one full time rodent operator and during the year 904 properties were treated for rodents, moles, bees and wasps. The fumigation of 204 properties was done routinely. Sewers were tested and treated in the manner recommended by the Ministry of Agriculture, Fisheries and Food. As in previous years, private houses were treated free of charge, but the cost of treating business premises was met by the occupiers. The Rodent Control in Factories scheme continues to operate satisfactorily for those factories participating in the scheme for an annual premium of £10.

12. SWIMMING POOLS:

Two indoor swimming pools are maintained in the area. One situated at Llantrisant and the other at Tonyrefail. The water is regularly sampled for bacteriological and chemical analysis. The reports of the analyses results are submitted monthly to Council Members.

13. MEALS ON WHEELS SERVICE:

This service is operated by voluntary workers and is now well established. On 20th September 1971, an outing to "Evesham" was arranged in appreciation of the help given by the W.R.V.S. workers. During the year 12,655 meals were delivered.

14. LABORATORY SERVICES:

All laboratory examinations necessary for the Public Health Service are carried out at the Cardiff and County Public Health Laboratories. These are:-

- (a) Bacteriological and Chemical Examinations in relation to the control of infectious and contagious diseases.
- (b) Bacteriological and/or Chemical examinations of
  - (i) Milk.      (ii) Drinking Water.      (iii) Ice -cream
- (c) Any other examinations which may be deemed necessary such as examinations of foodstuffs other than milk.
- (d) Examinations connected with atmospheric pollution and radio-activity of rainwater and drinking water.
- (e) Examination of sewage samples.

15. LICENCES:

The following licences were in force during 1971:

Premises registered for sale/manufacture of Ice Cream.....	156
Slaughtermen.....	5
Slaughterhouses.....	1
Manufacturers of Preserved Food.....	9
Firework Licences.....	18
Petroleum Acts and Regulations.....	57
Scrap Metal Dealers.....	8

16. ATMOSPHERIC POLLUTION:

The measurement of atmospheric pollution continued at Talbot Green and the Clinic, Church Village.

Results show the pollution remains at a generally low level and details of monthly readings together with the monthly mean temperature and rain fall is given overleaf.



Date	DANYGRAIG	LIANTRISANT	TALBOT	GREEN	CHURCH VILLAGE	DANYGRAIG	TALBOT GREEN	
1971	DAILY SMOKE FILTER u/gms.Cu.M.	Titration Average SO <sub>2</sub> mg. per day.	Deposit Gauge Tons Per Sq. Mile	Lead Dioxide Instrument mg. SO <sub>3</sub> .	Lead Dioxide Instrument mg. SO <sub>3</sub> per day	Micograms/ cu/m.	Mean Monthly Temperature °F	Rainfall in Inches
JANUARY	29.08	34.46	0.39	0.81	0.72	29.08	39.64	4.91
FEBRUARY	30.29	30.36	0.36	0.65	0.60	30.29	41.41	2.58
MARCH	18.79	24.96	0.25	0.48	0.48	18.79	40.63	2.22
APRIL	23.58	40.48	0.28	0.77	0.76	23.58	48.92	2.45
MAY	12.57	17.77	0.25	0.43	0.53	12.57	58.63	1.65
JUNE	9.78	16.37	0.31	0.27	0.46	9.78	57.83	5.00
JULY	11.07	20.89	0.23	0.24	0.26	11.07	67.07	1.95
AUGUST	12.61	14.69	0.22	0.93	0.93	12.61	62.35	5.00
SEPTEMBER	22.18	32.03	0.22	0.45	0.41	22.18	52.15	1.36
OCTOBER	17.58	29.69	0.22	0.40	0.44	17.58	53.25	4.62
NOVEMBER	18.11	27.71	0.38	0.84	0.79	18.11	45.27	4.33
DECEMBER	27.71	32.29	0.19	0.83	0.87	27.71	43.92	2.18

17.

RECORD OF INSPECTIONS AND VISITS

1. Housing Acts:	
1st Visit.....	727
2nd Visit.....	294
2. Public Health Acts:	
1st Visit.....	107
2nd Visit.....	50
3. Caravan Park.....	33
4. Other Caravan Visits.....	13
5. Dairies.....	6
6. Factories.....	27
7. Infectious Diseases.....	155
8. Rodent Infestations.....	180
9. Vermin Infestations.....	52
10. Drainage.....	526
11. Closet Conversion.....	-
12. Meat Inspection.....	135
13. Food Inspection.....	107
14. Food Hygiene:	
General.....	88
Mobile Shops and Delivery Vehicles.....	18
15. Clean Air Act.....	74
16. Offices, Shops and Railway Premises Act.....	49
17. Council-house Inspection.....	874
18. Miscellaneous (inc.extraneous duties).....	1356
19. Samples:	
Water.....	126
Milk.....	21
Ice-Cream.....	42
Trade Effluent.....	35
Sewer.....	13
20. Refuse Disposal.....	224
21. Petroleum Act.....	71

Total =	<u>5,403</u>
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18. WATER SUPPLY:

The total consumption of water in 1971 was 791,823,000 gallons compared with 763,613,000 in 1970.

18, WATER SUPPLY (cont'd).

A total of 65 bacteriological examinations were taken from the two Swimming Pools and at other various points in the district from the piped supply with the following results:-

No. of samples taken - 65. No. of unsatisfactory results - 2

The following is a report on a sample of water taken from the Taf Fechan Water Supply submitted for Chemical Analysis showing a clear, soft, faintly alkaline water of good organic quality.

Appearance.....	Clear
Colour.....	5
Reaction, p <sup>h</sup> value.....	6.1
Total Hardness.....	48
Chlorides (expressed as Cl).....	10
Nitrates (expressed as N).....	0.1
Nitrites (expressed as N).....	0.002
Ammoniacal Nitrogen.....	0.006
Albuminoid Nitrogen.....	0.006
Oxygen absorbed in 4 hours at 27° from N/80 Permanganate.....	0.16
Iron, Manganese.....	Nil
Copper, Lead, Zinc.....	Nil
Residual Chlorine.....	0.02
Volume of Sediment.....	0.5
Microscopical Examination of Sediment.....	Nil - Amorphous debris, veget- able and min- eral matter.

REMARKS:

A clear, soft, faintly acid water of very good organic quality.

There are approximately 11,373 houses supplied with mains water and a few houses are still without mains supply within the area. All new mains on housing sites etc., are chlorinated for a period of twenty four hours before being put into service and fire hydrants are flushed periodically on mains subject to very low flow. The work of laying a 24" diameter trunk main into Llantrisant and a 12" diameter extension from Llantrisant to Llanillid service reservoir has been completed.



19. EXAMINATION OF MILK SAMPLES:

The following samples of milk were submitted to the Public Health Laboratory at Cardiff for bacteriological examination:-

	<u>Satisfactory</u>	<u>Unsatisfactory</u>	<u>Total</u>
Untreated	4	-	4

20. MANUFACTURE, STORAGE AND SALE OF ICE CREAM:

There were four new applications for the registration of premises for the sale of pre-packed ice cream during the year. There are now 156 premises registered for the sale of ice cream in this area.

50 samples of ice cream were taken during the year, most of which were produced by the nationally known ice cream manufacturers.

In general, samples in Grades I and II can be regarded as satisfactory. The following table shows the results of analysis, and refers to the keeping quality of the ice cream.

Grade I Satisfactory	Grade II Fair	Grade III Unsatisfactory	Grade IV Very Unsatisfactory
36	9	5	-

21. RAINFALL:

During 1971 the rainfall record at the Duffryn Sewage Works, Tonyrefail, amounted to 42.125 inches, compared with 69.04 inches in 1970. At Talbot Green, rainfall on the Magistrate's Court roof was recorded as 38.25 inches compared with 41.76 inches in 1970.

22. HOUSING REPAIRS:

During the year thirteen houses were repaired as a result of informal action.

There were no applications for Certificates of Disrepair during 1971.

23. CLOSET CONVERSIONS:

There was one conversion completed by installing flushing apparatus in a closet during the year. The total number of water closet conversions for which grants have been paid by the Council since 1953, was 268 when the scheme commenced.

24. FOOD INSPECTION:

A total of 85 samples of foodstuffs were taken by the County Public Health Inspectors in the Llantrisant and Llantwit Fardre Rural District during the year under review, under the Food and Drugs Act, 1955.

The following list of foodstuffs inspected and voluntarily surrendered was found to be unfit for human consumption and was disposed of by burying at one of the Council's refuse tips:-

Tinned Meat.....	284 lbs.
Tinned Tomatoes.....	175 lbs.
Tinned fruit.....	450 lbs.
Tinned Vegetables.....	550 lbs.
Tinned Soup.....	64 lbs.
Tinned Fish.....	3 lbs.
Tinned Milk, Cream Pudding etc.....	52 Cans.
Butter, Margarine, Lard.....	4 lbs.
Frozen Food.....	2,181 Items.
Fruit.....	103 lbs.
Fish.....	164 lbs.
Vegetables.....	439 lbs.
Meat.....	199 lbs.
Bacon.....	29 lbs.
Baked Beans.....	29 Cans.
Cakes, pies, pasties, etc.....	778 Items.

25. MEAT INSPECTION:Carcases and Offal inspected and  
condemned in whole or part

	Cattle (except Cows)	Cows	Calves	Sheep & Lambs	Pigs
Number killed (if known)	3	-	4	774	645
Number inspected	3	-	4	774	633

All diseases exceptTuberculosis & Cysticercosis

Whole carcasses condemned	1	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	-
Other	-	-	-	184	185
Percentage of the number inspected affected with disease other than tuber- culosis and cysticercosis	33%	-	-	23.6%	29.2%

Tuberculosis only.

Carcases of which some part or organ was condemned	-	-	-	-	6
Percentage of the number inspected affected with Tuberculosis.	-	-	-	-	0.9%

Cysticercosis only.

Carcases of which some part or organ was condemned	-	-	-	-	-
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25. CONDEMNATIONS:Pig:

Carcases.....	210	lbs.
Lungs.....	219	"
Livers.....	149	"
Heads.....	106	"
Hearts.....	22	"

Sheep:

Carcases.....	Nil	
Lungs.....	129	lbs.
Livers.....	182	"
Hearts.....	Nil	

26. SEWAGE DISPOSAL AND SEWERAGE:

The following are results of examination of samples of sewage effluent taken by the Glamorgan River Board during the year. The Surveyor as Chief Officer in charge of the sewage works, is notified of unsatisfactory samples and takes the appropriate action.

<u>Number of Samples</u>	<u>Satisfactory</u>	<u>Unsatisfactory</u>
Thirteen	Eight	Five

Results of routine sampling of sewage, effluents and trade effluents by Public Health Inspectors are given below:-

<u>Type</u>	<u>Number of Samples</u>
Trade Effluents	10
Others	22



27. FACTORIES ACT 1961:Part I.

1. Inspections for purpose of provisions as to health (including inspections made by Public Health Inspectors).

	Number on Register (2)	Number of Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sec. 1,2,3,4 and 6 are to be enforced by L.A.	12	-	-	-
(ii) Factories not included in (i) by which Sec. 7 is enforced by Local Authorities	125	27	-	-
(iii) Other premises in which Sec. 7 is enforced by Local Authority (excluding out-workers premises)	6	5	-	-
<b>TOTAL:</b>	<b>143</b>	<b>32</b>	<b>-</b>	<b>-</b>

2. Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more 'cases').

Particulars	No. of cases in which defects found				
	Found remedied		To H.M. Inspector	Referred by H.M. Inspector	No. of cases in which prosecutions were instituted
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)	-	-	-	-	-
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-

PART VIII Factories Act, 1961.

Section 133			Section 134			
	No. of outworkers in August list re- quired by Sec.133 (1) (c)  (2)	No. of cases of default in send- ing lists to Council  (3)	No. of prosecut- ions for failure to supply lists  (4)	No. of instances of work in unwhole- some premises  (5)	Notices Served  (6)	Pros- ecut- ions  (7)
Wearing) Making apparel) etc. Cleaning						
Household linen						
Lace, Lace curt- ains and nets						
Curtains and furn- iture hangings	16					
and other various	6					
TOTAL :	22					

28. OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Action under this Act was continued during the year, the Public Health Inspectors being the Officers appointed to enforce the provisions of the Act.

The results as reported to H.M. Factory Inspectorate are summarised in the table overleaf.

There were four non-fatal accidents reported during 1971 and no evidence of culpable negligence on the part of the occupiers of registered premises was found and no prosecutions were undertaken.



THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Annual Report under Section 60 to the Minister of Labour for year ended 31st December, 1971

TABLE A		TABLE C			
REGISTRATION & GENERAL INSPECTIONS		ANALYSIS BY WORKPLACE PERSONS EMPLOYED IN REGISTERED PREMISES AT END OF YEAR			
Class of Premises	No. premises newly registered during year (2)	Total No. registered premises at end of year (3)	No. g. premises receiving one or more general inspections during year (4)	Class of Workplace (1)	No. persons employed (2)
Offices	3	39	39	Offices	160
Retail Shops	10	110	110	Retail Shops	365
Wholesale Shops, Warehouses	-	2	2	Wholesale Depts., Warehouses	82
Catering Establishments open to the public, Canteens	4	22	22	Catering Establishments open to Public	99
Fuel Storage Depots	-	1	1	Canteens	21
Totals	17	174	174	Fuel Storage Depots	6
				Totals	733

TABLE B

No. of Visits of all kinds (including General Inspections to Registered Premises

Total Males

351

Total Females

382

260





